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MAY 11 2001

PTC SB 01 (10-00)

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration  
Submitted  
with Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	NOVT 100
First Named Inventor	Carsten Sjoeholm
<b>COMPLETE IF KNOWN</b>	
Application Number	09 / 779,334
Filing Date	February 8, 2001
Group Art Unit	
Examiner Name	

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**USE OF ACID-STABLE SUBTILISIN PROTEASES IN ANIMAL FEED**

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
2000000200	DK	02/08/2000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

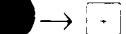
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto
60/188,133	02/17/2000	

NOVT 100

NOVT/P23948US 11321/18

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PTC SB 01-10-02

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to

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Correspondence address below

Name Patrea L. Pabst; Arnall Golden & Gregory, LLP

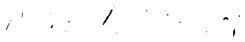
Address 2800 One Atlantic Center

Address 1201 West Peachtree Street

City Atlanta	State GA	ZIP 30309-3450
Country USA	Telephone (404) 873-8794	Fax (404) 873-8795

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :  A petition has been filed for this unsigned inventor

Given Name Carsten (first and middle [if any])	Family Name Sjoeholm or Surname
Inventor's Signature 	Date 

Residence: City Alleroed	State	Denmark Country	Citizenship DK
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Mailing Address Alleroedvej 17

Mailing Address

City Alleroed	State	ZIP DK-3450	Country Denmark
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NAME OF SECOND INVENTOR:  A petition has been filed for this unsigned inventor

Given Name Peter Rahbek (first and middle [if any])	Family Name Oestergaard or Surname
Inventor's Signature 	Date 

Residence: City Virum	State	Denmark Country	Citizenship DK
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Mailing Address Kvaedevej 111

Title: USE OF ACID STABLE SUBTILISIN PROTEASES IN ANIMAL FEED

Filed: February 8, 2001

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PTO/SB/024 (11-00)

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Anna-Marie

Kluenter

Inventor's  
Signature

Date

Residence: City Loerrach

State

Country Germany

Citizenship DE

Mailing Address Im Leh 2a

Mailing Address

City Loerrach

State

ZIP D-79541

Country Germany

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

Mailing Address

City

State

ZIP

Country

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

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NOVT 100

NOVT/23948US 11321/18

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JAN 31 2001

PTO SB 51 10-00

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/779,334
Filing Date	February 8, 2001
First Named Inventor	Carsten Sjoeholm
Group Art Unit	
Examiner Name	
Attorney Docket Number	NOVT 100

I hereby appoint:

Practitioners at Customer Number

Place Customer  
Number Bar Code  
Label here

OR

Practitioner(s) named below:

Name	Registration Number
Patrea L. Pabst	31,284
Zhaoyang Li	46,872

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Patrea L. Pabst; Arnall Golden & Gregory, LLP			
Address	2800 One Atlantic Center			
Address	1201 West Peachtree Street			
City	Atlanta	State	GA	Zip
Country	USA			30309-3450
Telephone	(404) 873-8794	Fax	(404) 873-8795	

I am the

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

SIGNATURE of Applicant or Assignee of Record

Name E. Hoffmann-La Roche AG

For more information on filing fees and see below.

\*Total of forms are submitted

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluenter

Application No./Patent No.: 09/779, 334 Filed/Issue Date: February 8, 2001

Entitled: USE OF ACID-STABLE SUBTILISIN PROTEASES IN ANIMAL FEED

E. Hoffmann-La Roche AG, a Corporation

(Name of Assignee)

(Type of Assignee e.g. corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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 The document was recorded in the United States Patent and Trademark Office at  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3. If the assignment is to be recorded in the records of the USPTO See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 28, 2001

Date

Typed or printed name

H. J. H. / J. H. /

USPTO - 600-779-114

Filed: February 8, 2001

TRANSMISSION OF DECLARATION FOR  
PATENT APPLICATION, POWER OF ATTORNEY  
OR AUTHORIZATION OF AGENT, AND  
STATEMENT UNDER 37 C.F.R. § 3.73(b)

MAY 03 2001

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this Transmittal of Declaration for Patent Application, Power of Attorney or Authorization of Agent, and Statement Under 37 C.F.R. § 3.73(b), together with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date shown below with sufficient postage as first-class mail in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231.

*Chandra Russell*

Chandra Russell

Date: April 27, 2001

## ASSIGNMENT

We, Carsten Sjoeholm of Alleroedvej 17, DK-3450 Alleroed, DENMARK, Peter Rahbek Oestergaard of Kvaeadevej 111, DK-2830 Virum, DENMARK, and Anna-Marie Kluenter of Im Leh 2a, Loerrach D-79541, GERMANY, in consideration of ten dollars and other valuable consideration paid to us by F. Hoffmann-La Roche AG, a corporation of SWITZERLAND, having its principal place of business at 124 Grenzacherstrasse, CH-4070 Basle, SWITZERLAND, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said F. Hoffmann-La Roche AG, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Use of Acid-Stable Subtilisin Proteases in Animal Feed*" described in U.S. Serial No. 09/779,334 filed in the United States Patent and Trademark Office on February 8, 2001, by Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluenter, which claims priority to foreign application Serial No. 2000 00200 filed in Denmark on February 8, 2000, and which claims priority to U.S. Provisional Application Serial No. 60/183,133 filed in the United States Patent and Trademark Office on February 17, 2000, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed"

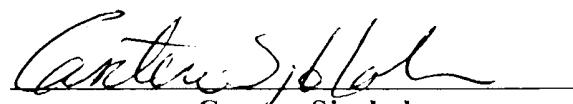
By: Carsten Sjoholm, Peter Rahbek Oestergaard,  
and Anna-Marie Kluenter

Filed: February 8, 2001

ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and  
Trademarks of the United States to issue such Letters Patent as shall be granted upon said  
application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 21 day of March, 2001.

  
Carsten Sjoholm

Witnesses:

1. Signed: Fiona Duffner

Printed Name: Fiona DUFFNER

Address: Vivensstraede 3, 2830 Virum  
Denmark

2. Signed: Githa Hall

Printed Name: Githa Hall

Address: Tinggårdsparken 33, Tunø  
4000 Roskilde

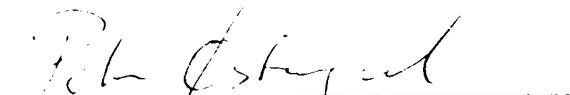
Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed"

By: Carsten Sjøholm, Peter Rahbek Oestergaard,  
and Anna-Marie Kluenter

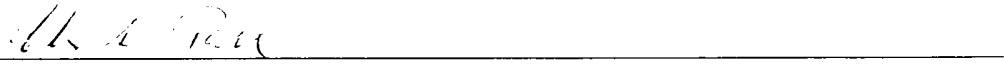
Filed: February 8, 2001

ASSIGNMENT

WITNESS my hand and seal this 22 day of March, 2001.

  
Peter Rahbek Oestergaard

Witnesses:

1. Signed:   
Printed Name: CHRISTIAN HØIER  
Address: GEMSENSTRASSE 72  
2232 HAMBURG

2. Signed:   
Printed Name: ASTRID HÆG MØRSER  
Address: STENGAARDSVENGE 24  
8800 LYNGBY

Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed"

By: Carsten Sjocholm, Peter Rahbek Oestergaard,  
and Anna-Marie Kluenter

Filed: February 8, 2001

ASSIGNMENT

WITNESS my hand and seal this 18 day of April, 2001, 2001.

Anna Marie Kluenter  
Anna-Marie Kluenter

Witnesses:

1. Signed: Viviane Kluenter  
Printed Name: VIVIANE KLUENTER  
Address: 46 Rue de Blaebach  
62100 ARRAS FRANCE

2. Signed: Dr. Wolfgang Steinberg  
Printed Name: Dr. Wolfgang Steinberg  
Address: Tüllinger Str. 29  
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